



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/618,475

07/11/2003

Frank R. Beckous

WC/478

5305

28596

7590

04/22/2005

GORE ENTERPRISE HOLDINGS, INC.
551 PAPER MILL ROAD
P. O. BOX 9206
NEWARK, DE 19714-9206

EXAMINER

PATEL, PARESH H

ART UNIT

PAPER NUMBER

2829

DATE MAILED: 04/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

EF

Office Action Summary	Application No.	Applicant(s)	
	10/618,475	BECKOUS ET AL.	
	Examiner	Art Unit	
	Paresh Patel	2829	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 March 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 July 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

In order to avoid abandonment, the drawing informalities noted in the paper mailed on 09/22/2004, must now be corrected. Correction can only be effected in the manner set forth in the above noted paper.

Specification

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required: **conductive housing** of claim 3.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Trarzwel (US 5982187).

Regarding claim 1, Trazwell in fig. 11-13 discloses an apparatus having a coaxial signal contact [91 or 201 or 251] and ground contact [(192,194-195) or (208,202-203) or (254-255,261 or 265)], for mating to a planar device [PCB of lines 38-41 of column 8]

Art Unit: 2829

having a ground surface [ground pad of PCB] and a signal surface [signal pad of PCB], comprising:

- a) a coaxial connector body [93 or 205 or 255];
- b) said signal contact [see 91 or 201 or 251] disposed central to the coaxial connector body;
- c) said ground contact attached [via solder or adhesive] to the coaxial connector body, said ground contact comprising a main body [192 or 205 or 254,255] and at least one resilient contact member [(194 or 195) or (202 or 203) or (261 or 264)] which is elastically deformable [lines 22-24 of column 8];
- d) said at least one resilient contact member which is elastically deformable extending substantially radially from said main body [see fig. 11-13 and lines 18-20 of column 8]; and
- e) said at least one resilient contact member which is elastically deformable comprising a tip [(196 or 197) or (tip of 202 or 203) or (tip of 261 or 264)] adapted to make contact with said ground surface of said planar device [lines 38-41 of column 8].

Regarding claim 2, Trazwell discloses the apparatus of claim 1 wherein said apparatus is disposed within an insulating housing [95 with 105] such that the entire apparatus is spring loaded within an insulating housing [lines 50-54 of column 6].

Regarding claim 3, Trazwell discloses the apparatus of claim 1 wherein said apparatus is disposed within a conductive housing [lines 50-54 of column 6] such that the entire Apparatus is spring loaded within a conductive housing [95 with 105].

Regarding claim 4, Trazwell discloses the apparatus of claim 1 wherein said ground contact device is disposable and replaceable [because they are connected using solder or adhesive. Also see Pollock et al. (US 4740746) where conductive sleeve 60 is slidably fitting at outer conductor)].

Regarding claim 5, Trazwell discloses the apparatus of claim 1 wherein said ground contact device is fixed to said coaxial connector body [see fig. 11-13 during testing].

Regarding claim 6, Trazwell discloses the apparatus of claim 1 wherein said signal contact is fixed within said coaxial connector body [see fig. 11-13].

Regarding claim 7, Trazwell discloses the apparatus of claim 1 wherein said signal contact is spring-loaded within said coaxial connector body [see abstract with fig. 3].

Response to Arguments

Applicant's arguments filed 03/17/2005 have been fully considered but they are not persuasive, because traversal is based on added limitation. Applicant's amended independent claim 1, to include resilient contact member of the ground contact is **elastically deformable**.

At page 4 of the remarks applicant's states:

"there is a mention of elastic deformability of arms 194, 195 (Figures 11-13) of Trazwell, and arms 194, 195 also do not extend substantially horizontally".

Examiner agrees with Applicant's that *there is a mention of* arms 194, 195 of Trazwell, which are elastically deformable (see lines 22-24 of column 8 of Trazwell).

In response to the argument, it is noted that the features upon which applicant's relies (i.e., the arms 62 of Pollack and arms 194, 195 of Trazwell do not **extend substantially horizontally**) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). Trazwell at lines 18-20 of column 8 discloses the resilient contact member, which is elastically deformable **extends substantially radially** as claimed at claim 1.

Applicant's also argues that the arm 62 of Pollock is not elastically deformable. Examiner agrees with Applicant's, however in fig. 2 of Pollock reference a spring 68 is used to limit the contact pressure between the arm (pin) 62 and pad 64.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paresh Patel whose telephone number is 571-272-1968. The examiner can normally be reached on 8:00 to 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nestor Ramirez can be reached on 571-272-2034. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



April 07, 2005

Paresh Patel
Primary Examiner
Art Unit 2829